PROPOSED GRADE — EXISTING GRADE — 8" SEWER LINE-28.50 L.F. OF 18" RCP @ 0.88% 48.00 L.F. OF 18" RCP @ 1.04% STORM SEWER PROFILE 100 SERIES

HORIZ. SCALE: 1'' = 30'

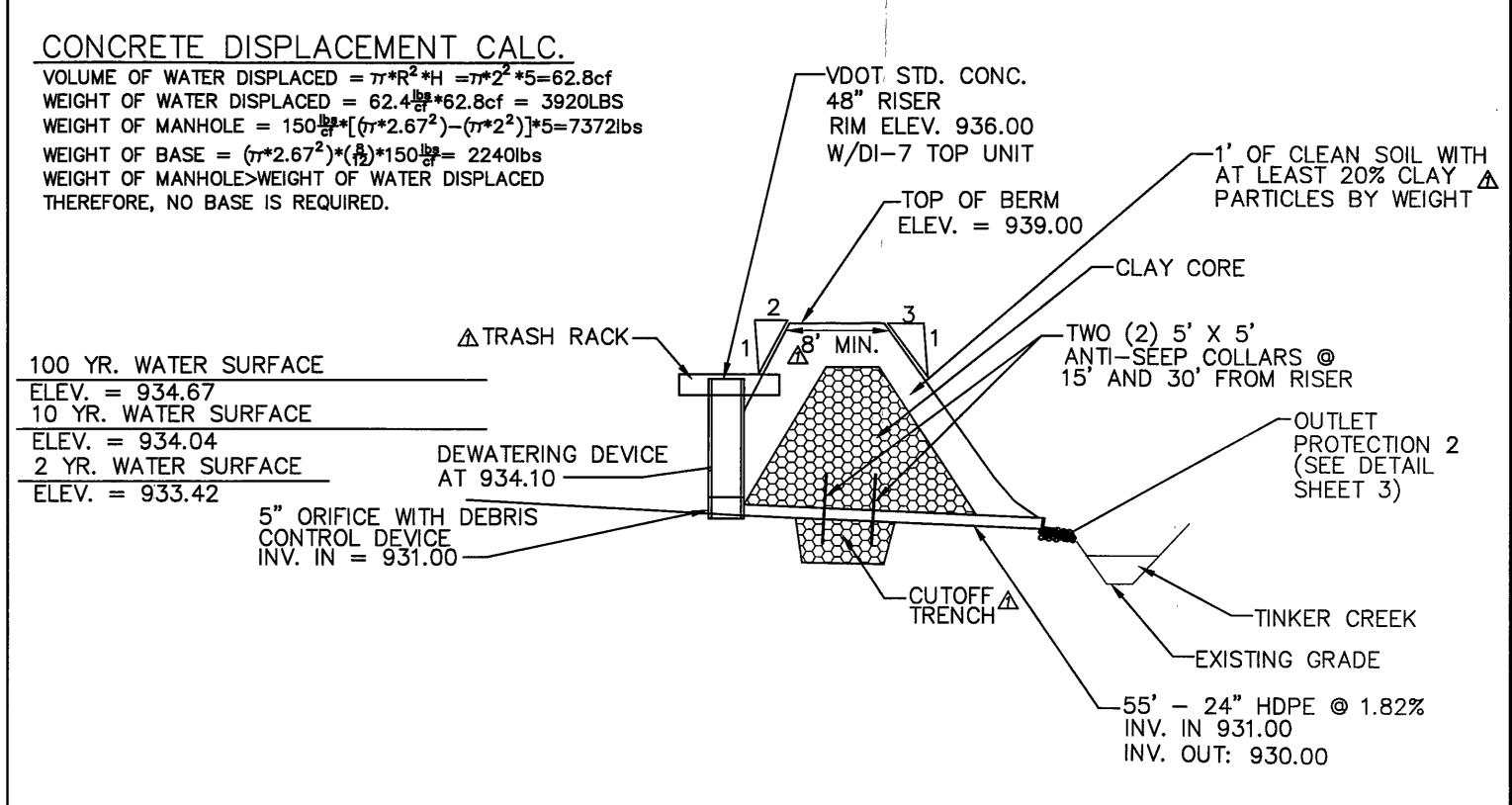
**VERT. SCALE: 1" = 10'** 

STORM SEWER PROFILE 200 SERIES

HORIZ. SCALE: 1'' = 30'**VERT. SCALE: 1" = 10'** 

> THE STORMWATER MANAGEMENT POND SHALL SERVE AS THE SEDIMENT CONTROL BASIN UNTIL FINAL STABILIZATION OF SIGHT IS ACHIEVED. ONCE THE CITY OF ROANOKE HAS DEEMED THE SIGHT STABILIZED, THE DEWATERING DEVICE AND TRASH RACK ARE TO BE REMOVED, THE CORESSPONDING ORIFICE FOR THE DEWATERING DEVICE IS TO BE PATCHED, THE 5 INCH ORIFICE IS TO BE DRILLED/UNPLUGGED AT ELEVATION 931.00, AND THE TRASH RACK IS TO BE REPLACED WITH THE DI-7 TOP UNIT AS SHOWN ON THIS DETAIL.





NOTE: WITH CONCRETE RISER, USE PVC SCHEDULE 40 STUB FOR DEWATERING ORIFICE \*DRAINAGE TUBING SHALL COMPLY WITH ASTM F667 AND AASHTO M294

- POLYETHYLENE CAP

- PERFORATED POLYETHYLENE\*
DRAINAGE TUBING,
8" DIAMETER

SCHEDULE 40 STEEL STUB 1-FOOT MINIMUM, DIAMETER = 6"

" FERNCO-STYLE " COUPLING

935.20 🛕

934.10

WET STORAGE

DEWATERING SYSTEM FOR SEDIMENT BASIN

\* STORMWATER MANAGEMENT BASIN DETAIL

NTS

STORM SEWER
ROFILES AND DETA

NO. 020021

Designed By Drawn By Checked By RCW Approved By RCW Submitted By CHW 2863VBASE

AUG. 24, 2005 AS SHOWN Commission No. 2863V